

## IMAGING DEVICE COOLING SYSTEM

### Abstract of the Disclosure

5           One embodiment of the present invention provides a cooling system in  
an imaging device having an element that generates heat. The cooling system  
comprises a thermoelectric generator and a cooling device. The thermoelectric  
generator is thermally coupled to the element to convert the heat generated by  
the element to electrical energy. The cooling device is powered by the electrical  
10   energy to thereby cool the imaging device.